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BRAZIL

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HUNGARY

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 - (c) Function spaces theory and abstract Banach spaces theory, Banach Lattices, Geometry of Banach Spaces, Composition and multiplication operators between Köthe spaces
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(c) Algebraic analysis (calculus of right invertible operators); Algebraic approach to differential geometry; Discrete counterparts of the classical concepts in analysis and differential geometry; q-calculus, Sikorski and Froelicher differential (or smooth) spaces; 12H10, 39A12, 39A70, 47B39, Groupoids - theory and applications in physics.

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(c) Many-valued topology (fuzzy topology), Pointfree topology (frames and locales)

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(c) Nonlinear Analysis

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(c) Fixed Point Theory

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(c) Fixed Point Theory, iterative approximation of fixed points

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(c) Optimal Stopping Theory, Game with Optimal Stopping, Stochastic Dynamic Programming, Applications in Behavioral Ecology

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(c) Enumerative combinatorics, Categorical methods in topology, Set theoretic topology (cardinal invariants, elementary submodels)

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(c) General topology (in particular, insertion and extension of functions), Pointfree topology, Many-valued topology

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(c) Functional Analysis, Topological Vector Spaces, Barrelledness Properties, Baire-like Spaces, Continuous Function Spaces, Wavelets

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(c) Topological groups and semigroups, Spaces of continuous functions, Operators defined between spaces of continuous functions, General Topology.

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